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(54) Title: XENOTRANSPLANT FOR CNS THERAPY

(57) Abstract: A "supplementary choroid plexus" comprising preferably a xenotransplant of choroid plexus cells form a neonatal mammal provides a steady supply of trophic factors for administration to a central nervous system in need of treatment for a neurological disease. Choroid plexus cells manufacture a range of trophic factors, particularly during fetal development. This neurotrophic factor therapy may be useful in treating clinical and subclinical neurodegenerative diseases particularly those in which the choroid plexus has often become atrophic. The xenotransplant is cloaked in a protective layer (such as of alginate) capable of concealing the foreign nature of the transplant. Lateral ventricles are the preferred implantation site, from where the trophic factors are carried through the neuropil by the circulation of cerebrospinal fluid.

## INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 A61K35/30 A61L27/38 A61P25/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

BIOSIS, EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

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